Data sheet

HP ZBook 15 Mobile Workstation

Push your creative limits with a powerful mobile workstation redesigned for productivity on the go.

HP ZBook 15 Mobile Workstation

HP recommends Windows.

Unleash your creativity and break free from your desktop with a sleek HP ZBook 15 mobile workstation that keeps you productive in the field. Take advantage of powerful processing and graphics, consistent color throughout your workflow, simple scalability, and the blazing-fast connectivity your team needs to perform and collaborate at the speed of creativity.

Innovative, sleek design

The new stylish HP ZBook 15 projects a professional image at the office, client meetings, and on the road without sacrificing the durability of a lightweight chassis.

Consolidate workstation resources and connect from any computer at any location with internet access. With HP Remote Graphics Software (RGS),[1] collaborate with colleagues, or utilize the power of servers and workstations back at the office.

1 HP Remote Graphics Software requires Windows and an internet connection.

HP recommends Windows.

Power to perform

With Thunderbolt™ [2] professional NVIDIA Quadro 3D Graphics, and optional Quad Core CPUs,[3,4] the new HP ZBook 15 takes power to a new standard.

Empower your creativity. Count on dynamic, true workstation performance with the latest 4th generation Intel® Core™ i5 or i7 processors.[3,5]

Customize this HP ZBook 15 to meet your demands. Keep large files at your fingertips without sacrificing performance with Windows 8, up to 1.8 TB of storage[4,6] and up to 32 GB of memory.[3,4]

Accelerate creative projects with up to 2X faster data transfer speeds than USB 3.0. Easily connect to multiple devices with just one cable. Thunderbolt™ [2] technology makes it possible.

Get full power of graphics when you need them and longer battery life when using lighter graphic applications. It's automatic and seamless with hybrid graphics.

Confidence in colors

Maintain accurate, predictable colors that are consistent across your entire digital workflow. What you see on your display is true to the finished product, thanks to the optional HP DreamColor display.[4]

Workstation reliability

During the HP Total Test Process, mobile workstations experience 115,000 hours of performance trials, and with ISV-certifications, the HP ZBook 15 is reliable and ready for business.

Optimize this HP ZBook 15 for peak performance. HP Performance Advisor[7] configures your system with updated settings and drivers to help maximize performance.

No tools needed. Just unlatch the HP Easy Access Door to quickly service your hardware and upgrade parts.

2 Thunderbolt is new technology. Install all the latest drivers for your Thunderbolt device before connecting to the Thunderbolt port. Thunderbolt cable and Thunderbolt device (sold separately) must be compatible with Windows. To determine whether your device is Thunderbolt Certified for Windows, see thunderbolttechnology.net/products.

3 Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.

4 Sold as an optional or add on feature.

5 Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers, and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

6 For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) of system and up to 30 GB (for Windows 8) disk is reserved for system recovery software.

7 HP Performance Advisor requires Windows and an internet connection.

HP recommends Windows.

HP ZBook 15 Mobile Workstation specifications

Operating system	Windows 8 Pro 64[8] Windows 8 64[8] Windows 7 Professional (available through downgrade rights from Windows 8 Pro)[9] Windows 7 Professional 64[10] SUSE Linux Enterprise Desktop 11 FreeDOS
Processors[5]	Intel® Core™ i7-4900MQ with Intel HD Graphics 4600 (2.8 GHz, 1600MHz, 8 MB cache, 4 cores) Intel® Core™ i7-4800MQ with Intel HD Graphics 4600 (2.7 GHz, 1600MHz, 6 MB cache, 4 cores) Intel® Core™ i7-4700MQ with Intel HD Graphics 4600 (2.4 GHz, 1600MHz, 6 MB cache, 4 cores) Intel® Core™ i7-4600M with Intel HD Graphics 4600 (2.9 GHz, 4 MB cache, 2 cores) Intel® Core™ i5-4330M with Intel HD Graphics 4600 (2.8 GHz, 3 MB cache, 2 cores)
Chipset	Mobile Intel® QM87
Memory[3]	DDR3L SDRAM, 1600 MHz, 4 SODIMMs. Up to 32 GB Two SODIMM slots (dual-core processor) or four SODIMM slots (quad-core processor) supporting dual-channel memory.
Internal storage[6]	SATA (7200 rpm), 320 GB, 750 GB, SATA (5400 rpm), 1 TB, SATA SED, 500 GB, SATA FIPS 140-2 SED[11] (5400 rpm), 500 GB, SATA SSD, 128GB, 500 GB, SATA SE SSD, 256 GB, mSATA SSD, 128 GB[27]
Optical storage	Blu-ray R/RE DVD+/-RW SuperMulti DL; Blu-ray ROM DVD+/-RW SuperMulti DL; DVD+/-RW SuperMulti DL; DVD-ROM
Display[12]	15.6" diagonal LED-backlit FHD SVA eDP anti-glare (1920 x 1080); 15.6" diagonal LED-backlit FHD UWVA IPS eDP anti-glare + PSR (1920 x 1080); 15.6" diagonal RGB LED-backlit FHD DreamColor UWVA IPS eDP anti-glare (1920 x 1080)
Graphics[13]	Integrated: Intel HD Graphics 4600; Intel WiDi[28] Discrete: NVIDIA Quadro K610M (1 GB dedicated GDDR5); NVIDIA Quadro K1100M (2 GB dedicated GDDR5); NVIDIA Quadro K2100M (2 GB dedicated GDDR5) NVIDIA Optimus[14] Technology supported
Audio	DTS Studio Sound HD audio (Windows operating systems only); Integrated stereo speakers; Integrated microphone (dual-microphone array when quipped with optional webcam); Button for volume mute, functions keys for volume up and down; Combo microphone-in/stereo headphone-out jack
Wireless support[15,16,17]	WLAN: Intel Centrino® Advanced-N 6205 802.11 a/b/g/n (2x2); Intel Centrino® Advanced-N 6235 802.11 a/b/g/n (2x2) + Bluetooth 4.0 LE Combo; Intel Dual Band Wireless-AC 7260 802.11ac (2x2) WiFi and Bluetooth 4.0 combo WWAN: HP hs3110 HSPA+ Mobile Module; HP lt4111 LTE/EV-DO/HSPA+ Gobi4G Module; HP lt4112 LTE/HSPA+Gobi4G Module (EMEA)
Communications	Integrated Intel I217-LM Gigabit Network Connection (10/100/1000)
Ports and connectors	(2) USB 3.0; (1) USB 2.0; (1) USB 3.0 charging port; 1 Thunderbolt[2]; 1 DisplayPort; 1 stereo microphone-in/headphone-out combo; 1 AC power; 1 RJ-45; 1 docking connector; 1 secondary battery connector; 1 VGA
Expansion slots	1 ExpressCard/54; 1 Secure Digital; 1 Smart Card Reader
Input devices	Spill-resistant keyboard and drain, Touchpad with on/off button, two-way scroll, gestures, three pick buttons; Pointstick with three additional pointstick buttons; Image sensor touchpad, 720p HD webcam (on select models)
Software	HP Recovery Manager; HP Performance Advisor;[6] HP Remote Graphics Software[1] (pre-load); HP Support Assistant; HP Client Security;[18] HP Hotkey Support; HP Wireless Hotspot[19] (Windows 8 only); HP Connection Manager (Windows 7 only); HP GPS and Location[20] (Select Models - Windows 7 only); Adobe® Flash Player (Windows 7 only); Buy Office; Microsoft Security Essentials;[21] Cyberlink Power DVD; Cyberlink Media Suite; Cyberlink Photo Director; Cyberlink Power Director; Cyberlink Power2Go; Cyberlink YouCam BE; Cyberlink Webcam Sharing Manager (web download); PDF Complete Corporate Edition; Skype
Security	Standard: HP Client Security (Windows 8 only); HP Fingerprint Sensor; Integrated Smart Card Reader; Enhanced Pre-Boot Security (multiuser/multifactor); HP Spare Key (requires initial user setup); One-Step Logon; Common Criteria EAL4+ Augmented Certified Discrete TPM 1.2 Embedded Security Chip; Security lock slot; Support for Intel AT;[22] Optional: Computrace with GPS Tracking[23] (sold separately and requires the purchase of subscription)
Dimensions (w x d x h)	15 x 10.1 x 1.2 in 38.15 x 25.7 x 3.05 cm
Weight	6.2 lb, 2.82 kg
Power	Primary batteries: 8-cell (83 WHr) Li-Ion battery;[24] HP Long Life 8-cell (75 WHr) Li-Ion battery[24] Secondary batteries: HP BB09 Ultra Extended Life Notebook Battery (9-cell/100 WHr); HP ST09 Extended Life Notebook Battery (9-cell/73 WHr) External: External 150W Slim Smart AC adapter; External 200W Slim Smart AC adapter; HP Fast Charge (not supported on 9-cell primary battery)
Expansion Solutions	HP Adjustable Dual Monitor Stand HP Adjustable Display Stand HP 230W Docking Station HP 120W Advanced Docking Station HP 230W Advanced Docking Station
Certification	Low halogen[25]
Warranty[25]	Limited 3-year and 1-year warranty options available, depending on country, 1-year limited warranty on primary battery. Optional HP Care Pack Services are extended service contracts which go beyond your standard warranties. For more details, visit hp.com/go/cpc.

HP recommends Windows.

HP ZBook 14 Mobile Workstation

1. Optional HD Webcam
2. 15.6-inch diagonal LED-backlit HD anti-glare display
3. USB 3.0 ports (2), memory card reader, Optical drive (select models), monitor port
4. Fingerprint reader
5. Spill-resistant keyboard
6. Point stick
7. Touchpad with scroll zone
8. Security cable slot, USB 2.0 port, Thunderbolt port, DisplayPort, USB 3.0 charging port, Smart card reader, ExpressCard port

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1. HP Remote Graphics Software requires Windows and an internet connection.
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3. Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
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5. Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers, and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
6. For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) of system and up to 30 GB (for Windows 8) disk is reserved for system recovery software.
7. HP Performance Advisor requires Windows and an internet connection.
8. Not all features are available in all editions of Windows 8. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 8 functionality. See microsoft.com for details.
9. This system is preinstalled with Windows 7 Pro software and also comes with a license and media for Windows 8 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
10. This system may require upgraded and/or separately purchased hardware to take full advantage of Windows 7 functionality. Not all features are available in all editions of Windows 7. See microsoft.com/windows/windows-7/ for details.
11. Planned to be available in October 2013.
12. HD content required to view HD images.
13. NVIDIA Optimus is enabled by default. If you choose to disable this functionality, Intel® integrated graphics will not be used.
14. If configured with the HP DreamColor display, NVIDIA Optimus graphics will not be enabled.
15. Wireless access point and internet service required. Availability of public wireless access points is limited.
16. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices. Connection speeds will vary due to location, environment, network conditions, and other factors.
17. 4G LTE not available on all products, in all regions and only available on products featuring Intel processors. WWAN is an optional feature sold separately or as an add on feature. WWAN connection requires wireless data service contract, network support, and is not available in all areas. Contact service provider to determine the coverage area and availability. Connection speeds will vary due to location, environment, network conditions, and other factors.
18. HP Client Security requires Windows.
19. The Wireless Hotspot application requires an active internet connection and separately purchased data plan. While HP Wireless Hotspot is active, on-device applications will continue to work and will use the same data plan as the wireless hotspot. Wireless Hotspot data usage may incur additional charges. Check with your for plan details. Requires Windows 8. 21 MSE requires Windows 7 and internet access for updates.
20. GPS access requires an unobstructed path to multiple satellites. Performance may be affected if/when used inside of buildings, bridges or heavily congested metropolitan areas. Requires separately purchased GPS navigation software available from multiple GPS applications.
21. MSE requires Windows 7 and internet access for updates.
22. Intel AT security requires a separately purchased Absolute Computrace service subscription and must be activated and configured. Check with Absolute for availability in your country. Intel and HP assume no liability for lost or stolen data and/or systems or any other damages resulting therefrom. See intel.com/technology/anti-theft/.
23. Computrace agent is shipped turned off, and must be activated by customers when they purchase a subscription. Subscriptions can be pur chased for terms ranging from one to multiple years. Service is limited, check with Absolute for availability outside the U.S.
24. Battery life will vary depending on the product model, configuration, loaded applications, features, use, wireless functionality and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See MobileMark07 battery benchmark bapco.com/products/mobilemark2007 for additional details.
25. This product is low halogen except for power cords, cables and peripherals, as well as the following customer-configurable internal components: 3 ½" SAS HDDs, LSI 9260-8i SAS 6Gb/s ROC RAID Card, Creative Recon3D PCIe Audio Card, Liquid Cooling Solution and Broadcom 5761 Gigabit PCIe NIC are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
26. Lookup Tool at hp.com/go/lookuptool. Additional HP Care Pack Services information by product is available at hp.com/go/carepack. Service levels and response times for HP Care Packs may vary depending on your geographic location.
27. Planned to be available early 2014
28. Intel Widi not supported when using Dreamcolor displays where Optimus is disabled.

Learn more at
hp.com/go/ZBook15

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